

12-channel Digital Mixer

DMC-12

INTRODUCTION

It adopts a 4.3-inch high-resolution color capacitive touch screen, a physical touch switch with light, and an intelligent high-precision electric fader to experience a smooth feel, and the user graphical operation interface combined with hardware physical buttons makes the operation more intuitive and fast. The high-performance DSP with 40-bit floating point features powerful audio functions, an adaptive automatic mixing control system that can distribute and control the gain of microphone or multimedia audio, and easy management of multi-channel audio, and the configurable acoustic suppression function of the MIC input channel makes it impossible to hide unexpected "acoustic noise".



FEATURES

- 4.3-inch high-brightness true-color TFT capacitive touch screen;
- Support bilingual interface in Chinese and English or English interface, suitable for users with different languages;
- 5 faders with 100mm stable, durable, high-speed electric faders;
- 8 MIC inputs, 24bit/48KHz sampling, high-performance ADC dynamic range up to 114dB;
- 1 stereo analog input;
- 1 set of stereo USB/Bluetooth/PC sound card input;
- L/R main output;
- 2 AUX outputs;
- 1 stereo recording;

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- 1 set of monitor outputs;
- Optional wireless microphone module;
- 2x2USB audio transmission;
- Support U disk recording and playback (stereo), Bluetooth playback;
- The player can support MP3/AAC/WAV/AIFF/APE/FL AC and other formats;
- Using high-performance digital signal processor DSP, accurate 40-bit floating-point mathematical operation;
- 24bit/48KHz Sampling frequency;
- Practical acoustic suppression, each MIC input channel can be added acoustic suppression;
- Built-in DSP digital effects, with a variety of vocals, instruments commonly used in the effect mode to choose at will;
- The input channels have analog gain, a 4-band PEQ parametric equalizer, a high/low-pass filter, a noise gate, a voltage limiter, polarity, a feedback suppressor, a separate 48V phantom power supply, and more.
- The output channel has a 4-band PEQ parametric equalizer, high/low-pass filter, voltage limiter, and delay.
- Channel parameter copy function, quickly copy data to each channel;
- With automatic mixing function, multiple microphones can be used at the same time, intelligent volume distribution management;
- Open third-party UDP control instructions, easy to realize remote central control function;
- It has a one-key lock function to prevent misoperation;

Equipment specifications

Project	Parameter
Analog gain	MIC/LINE input -5~+50dB, stereo input -5~+30dB
Maximum input level	+24dBu
Channel noise	- 88dBu@0dB gain, A-weighted
Total harmonic distortion	0.007%@+4dBu,1kHz
Dynamic range	106dB,A Weighting
Frequency response	20Hz-20kHz(±0.2dB)@4dBu
Channel crosstalk	MIC/LINE input -110dB, stereo input -62dB
Redundant output noise	-96dBu, A weighted
Maximum output level	+18dBu balanced output
Operating voltage	AC100-240V, 50Hz/60Hz

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Operating temperature	0-40°C
Rated power consumption	30W
Dimensions (WxDxH)	355mmx 403mmx98mm
weight	5kg

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